

Claims

1. Absorption refrigerator (1) including

5 a cabinet having outer walls (2, 3, 4, 5, 6) and at least one door (7, 8) encasing a low temperature storage compartment (9) and a higher temperature storage compartment (10), said compartments being essentially sealed from each other and separated by a partition wall (11), which partition wall is arranged inside the cabinet and generally perpendicular to a
10 first wall (2) of said outer walls, and

an absorption refrigerating system including an evaporator tube (20) having a first evaporator tube section (21) for cooling the low temperature compartment and a second
15 evaporator tube section (22) for cooling the higher temperature compartment, said second evaporator tube section being arranged downstream of said first evaporator tube section,

20 **characterized in that**

a major part of said first evaporator tube section (21) is arranged generally in parallel with said partition wall (11).

2. Refrigerator according to claim 1, wherein said major part
25 of the first tube (21) section includes two non-coaxial tube portions (21a), the axis of which tube portions together define a general extension plane of said major part of the first evaporator section, which general extension plane is arranged generally in parallel with said partition wall (11).

30 3. Refrigerator according to claim 2, wherein the general extension plane of the major part of the first evaporator tube

section (21) is arranged closer to the partition wall (11) than to any outer wall, with which it is generally parallel.

4. Refrigerator according to any of claims 1 to 3, wherein said first wall (2) is a rear wall, which is arranged opposite to the door (7, 8) and said partition wall (11) is extending in parallel with a generally vertical plane between the back wall (2) and the door (7, 8).

5. Refrigerator according to any of claims 1 to 4, wherein said major part of said first evaporator tube section (21) is arranged adjacent a surface of said partition wall (11), which surface faces the low temperature compartment (9).

6. Refrigerator according to any of claims 1 to 5, wherein a gap (33) is formed between said major part of said first evaporator tube section (21) and said partition wall (11).

7. Refrigerator according to any of claims 1 to 6, wherein said major part of said first evaporator tube section (21) is arranged at least partly in said partition wall (11).

8. Refrigerator according to any of claims 1 to 7, wherein said first evaporator tube section (21) is provided with heat transferring flanges (34).

9. Refrigerator according to any of claims 1 to 8, wherein said second evaporator tube section (22) is arranged generally in parallel with said first wall (2).

10. Refrigerator according to any of claims 1 to 8, wherein said second evaporator section (22) is arranged generally in parallel with the partition wall (11), at the opposite side of the partition wall with regard to the first evaporator tube section (21).